CLAIMS

What is claimed is:

1	1. A cell-phone retractable earpiece comprising:
2	a phone-wire reel in a reel pocket on a cell phone that is attachable to
3	a cell-phone user;
4	phone wire in phone-electrical communication with the cell phone
5	proximate a reel end of the phone wire that is attached to a reel axle onto which the
6	phone wire is windable;
7	the reel axle being wind-tensioned to wind the phone wire onto the
8	phone-wire reel in opposition to pulling the phone wire and locking the reel axle in
9	a selectively unwound mode;
10	an ear hook containing an ear-hook portion of the phone wire;
	the ear hook having an ear rest on a top of a user ear, an ear-af
12 13 13 13 13 13 13 13 13 13 13 13 13 13	curvature and a hook bottom proximate a bottom of the user ear;
13	an ear-size adjuster containing an adjuster portion of the phone wire and
143	having adjustability of length of the ear-size adjuster intermediate the top of the ea
15	and an ear cavity of the user's ear;
16	a sound reproducer on a bottom of the ear-size adjuster proximate the
17	ear cavity;
18	a sound conveyor in sound communication intermediate the sound
19	reproducer and a predetermined position in the ear cavity; and
20	a microphone on a microphone extension in phone-sound
21	communication with the phone wire proximate a user's mouth.

1	2.	The cell-phone retractable earpiece of claim I wherein:			
2		the sound reproducer includes a miniature conical horn that circles an			
3	entrance to	an inner portion of the user ear.			
1	3.	The cell-phone retractable earpiece of claim 1 wherein:			
2		the sound reproducer includes a tubular member that is extended			
3	predeterminedly towards an inner portion of the user ear.				
1	4.	The cell-phone retractable earpiece of claim 1 wherein:			
2		the ear hook includes an ear clamp having a first clamp jaw attached to			
3	the ear hook and a second clamp jaw with an ear-grasp member attached to t				
	sound reproducer.				
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1	5.	The cell-phone retractable earpiece of claim 4 wherein:			
2		the microphone is extended from the phone wire proximate the sound			
3	reproducer to proximate the mouth of the cell-phone user.				
1	6.	The cell-phone retractable earpiece of claim 4 wherein:			
2		the microphone is extended from the phone wire at proximate a bottom			
3	of the ear h	ook to proximate the mouth of the cell-phone user.			
1	7.	The cell-phone retractable earpiece of claim 1 wherein:			
2		the microphone is extended from the phone wire proximate the sound			
3	reproducer	to proximate the mouth of the cell-phone user.			

the winding lock includes a phone-wire clamp.

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1	14.	The cell-phone retractable earpiece of claim 12 wherein:	
2		the winding lock includes an un-locker that unlocks the winding lock	
3	with an unlock communication to the winding lock.		
1	15.	The cell-phone retractable earpiece of claim 14 wherein:	
2		the unlock communication includes a double jerk of the phone wire.	
1	16.	The cell-phone retractable earpiece of claim 14 wherein:	
2		the unlock communication includes a predetermined touching of the reel	
31	pocket.		
	17.	The cell-phone retractable earpiece of claim 1 wherein: the phone wire has a length of approximately three feet.	
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18.	The cell-phone retractable earpiece of claim 1 wherein: the phone wire is standard phone wire that is used commonly	
3-	intermediate a phone jack and a telephone handset.		
1	19.	The cell-phone retractable earpiece of claim 1 wherein:	
2		the phone wire is customized phone wire having an insulated outside	
3	perimeter that is circumferential with a diameter of approximately two millimeter		
4	and contains all standard phone-wire lines with predeterminedly thin insulation or		

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the phone-wire lines.

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- 20. The cell-phone retractable earpiece of claim 1 wherein:
- 2 the reel pocket has a thickness of approximately one-quarter inch, a
- 3 width no greater than a width of the cell phone and a length no greater than a length
- 4 of the cell phone.

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